

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Mystery Bay

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Conditionally Approved

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from the growing area 6 times during the year using the systematic random sampling method. The “conditionally approved” area was closed from May 1 through September 30 in accordance with the management plan. The “conditionally approved” area was sampled 3 times when it was in open status. Elevated biotoxin levels resulted in a closure from 9/23/05 to 12/6/05.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved and conditionally approved classification and the area is correctly classified. The area is listed as “of concern” due to the potential for pollution from large numbers of boats that moor in Mystery Bay.

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MANAGEMENT PLAN EVALUATION – BRIEFLY DESCRIBE THE FOLLOWING COMPONENTS:

1. Have all parties involved complied with the conditions in the management planYes
2. Has reporting been adequate to manage the conditional areaYes
3. Does the area consistently meet approved area criteria when it is open for harvestYes
4. Has a field inspection of critical pollution sources been conducted.....Yes

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: MYSTERY BAY

Classification: **Approved,Conditionally Approved**

From 01/10/2001 To 11/22/2005

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
27	Approved	30	1.7 - 4.5	1.9	2.0	Yes
28	Approved	30	1.7 - 13.0	1.9	3.0	Yes
29	Approved	30	1.7 - 7.8	2.0	3.0	Yes
30	Approved	30	1.7 - 11.0	1.8	2.0	Yes
31	Conditionally Approved	30	1.7 - 4.5	1.9	2.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

